

Converting Colors

$Y_{xy}(75.8867, 0.3550, 0.3517)$

Have a look what the booklet for
Yxy(75.8867, 0.3550, 0.3517)
contains.

Yxy(75.9543, 0.3548, 0.3516)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(75.9543, 0.3548, 0.3516)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBC5
RGB	255, 219, 197
RGB Percent	100%, 86%, 77%
CMY	0.0000, 0.1411, 0.2276
CMYK	0.00, 0.14, 0.23, 0.00
HSL	23°, 100%, 89%
HSV	23°, 23%, 100%
XYZ	76.6456, 75.9543, 63.4249
YIQ	227.2560, 28.5180, 0.7900

Conversions

Conversions Part 2

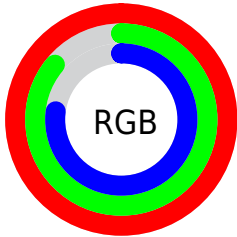
Format	Color
RYB	255, 232, 197
Decimal	16767941
CIELab	89.84, 9.19, 15.45
CIELCh	90, 17.978, 59.242
Yxy	75.9543, 0.3548, 0.3516
Android (android.graphics.Color)	4294958021 (0xFFFFDBC5)
YUV	227.2560, -14.9162, 24.3315
Hunter-Lab	87.1518, 4.4662, 17.8578

Details

The Yxy color **75.9543, 0.3548, 0.3516** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.3386, 0.2770, 0.3052**, and the grayscale version is **77.1075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **40.5399, 0.3652, 0.3566** is the 20% darker color. If you saturate the color by 10%, you get **67.0225, 0.3784, 0.3622**, and if you desaturate by 10%, it is **85.8747, 0.3344, 0.3413**.

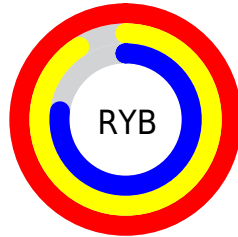
Distribution



Red (100%)

Green (86%)

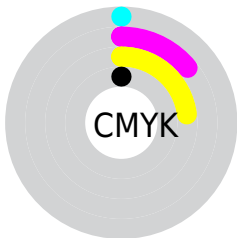
Blue (77%)



Red (100%)

Yellow (91%)

Blue (77%)

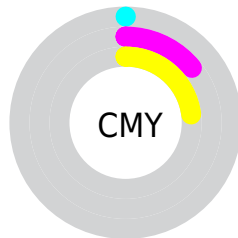


Cyan (0%)

Magenta (14%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9543, 0.3548, 0.3516 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 75.9543, 0.3548, 0.3516 by changing the saturation by 10% instead.


 75.9543, 0.3548,
0.3516

 75.9543, 0.3548,
0.3516

481.1912, 0.3353,
0.3415

 56.3950, 0.3592,
0.3538

127.6623, 0.3481,
0.3482

 40.5197, 0.3647,
0.3565


160.5798, 0.3454,
0.3468

 27.9440, 0.3716,
0.3598


198.7189, 0.3432,
0.3457

 18.2835, 0.3806,
0.3639

242.4639, 0.3412,
0.3446

 11.1537, 0.3928,
0.3693

292.1993, 0.3395,
0.3437

 6.1703, 0.4101,
0.3764

348.3093, 0.3379,

 2.9489, 0.4365,

0.3429

0.3861

411.1785, 0.3366,
0.3422

■ 1.1051, 0.5239,
0.4345

■ 0.0000, 1.0000,
0.0000

■ 75.9543, 0.3548,
0.3516

■ 75.9543, 0.3548,
0.3516

■ 67.0225, 0.3784,
0.3622

■ 85.8747, 0.3344,
0.3413

■ 59.0371, 0.4055,
0.3725

■ 96.8033, 0.3170,
0.3316

■ 51.9682, 0.4359,
0.3818

■ 99.9994, 0.3127,
0.3290

■ 45.7800, 0.4686,
0.3890

■ 40.4340, 0.5023,
0.3929

■ 35.8883, 0.5344,
0.3921

■ 32.0961, 0.5621,
0.3859

■ 29.7827, 0.5786,
0.3788

Harmonies

Analogous

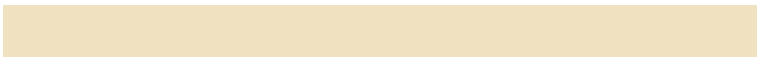
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9543, 0.3517, 0.3343



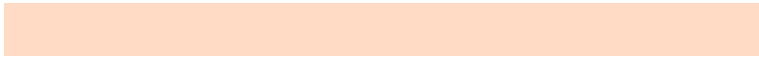
75.9543, 0.3548, 0.3516



75.9543, 0.3462, 0.3637

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9543, 0.3548, 0.3516



75.9543, 0.2878, 0.3416



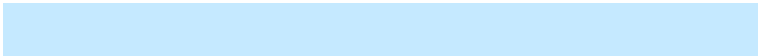
75.9543, 0.2959, 0.2940

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



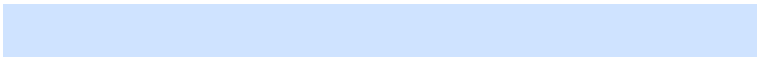
75.9543, 0.3548, 0.3516



77.3386, 0.2770, 0.3052

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9543, 0.2797, 0.2948



75.9543, 0.3548, 0.3516



75.9543, 0.2752, 0.3216

Square

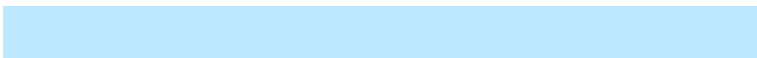
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9543, 0.3548, 0.3516



75.9543, 0.3073, 0.3585



75.9543, 0.2723, 0.3045



75.9543, 0.3171, 0.3019

Rectangle

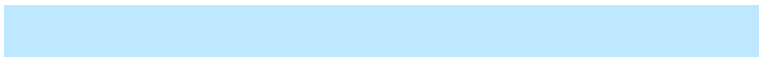
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.9543, 0.3548, 0.3516



75.9543, 0.3352, 0.3668



75.9543, 0.2723, 0.3045



75.9543, 0.2898, 0.2933

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75.9578, 0.3548, 0.3516



92.0426, 0.3241, 0.3356



67.1024, 0.3309, 0.2921



19.5591, 0.3251, 0.3362



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9578, 0.3548, 0.3516



72.0497, 0.3644, 0.3561



91.9697, 0.3488, 0.3789



19.1178, 0.3285, 0.3381



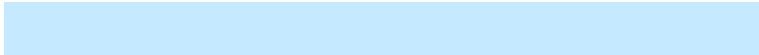
15.8274, 0.5757, 0.3811



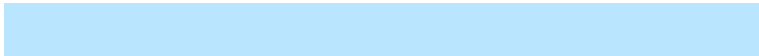
1.7438, 0.5544, 0.3980

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



77.3386, 0.2770, 0.3052



73.6324, 0.2704, 0.3002



62.6082, 0.2746, 0.2736



19.2543, 0.2979, 0.3198



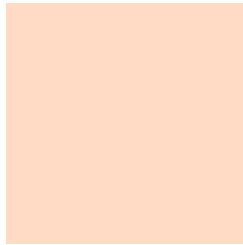
16.8725, 0.1887, 0.1992



1.8538, 0.1932, 0.2156

Previews

White Background



This preview shows how the Yxy color 75.9543, 0.3548, 0.3516 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 75.9543, 0.3548, 0.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

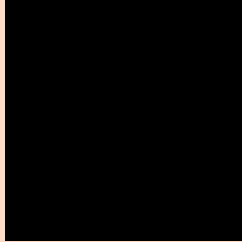
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9543, 0.3548, 0.3516

Background



This preview shows how black text looks on a background with the Yxy color 75.9543, 0.3548, 0.3516.

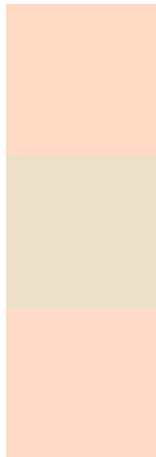


This preview shows how white text looks on a background with the Yxy color 75.9543, 0.3548, 0.3516.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.9543, 0.3548, 0.3516

Protanopia

75.8534, 0.3373, 0.3556

Deuteranopia

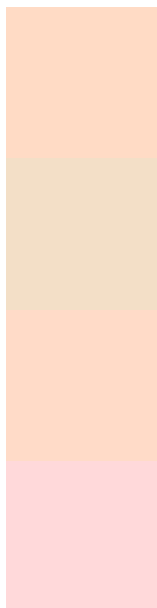
76.1401, 0.3519, 0.3474



Tritanopia

76.0849, 0.3316, 0.3151

Trichromacy



Original Color

75.9543, 0.3548, 0.3516

Protanomaly

75.9536, 0.3435, 0.3542

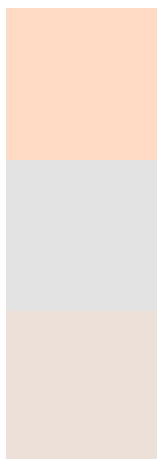
Deuteranomaly

76.0932, 0.3526, 0.3485

Tritanomaly

75.9477, 0.3400, 0.3281

Monochromacy



Original Color

75.9543, 0.3548, 0.3516

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.2737, 0.3273, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9543, 0.3548, 0.3516 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 219, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 197)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 219, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 197) }
```

Border

The CSS property to change the border of an element to Yxy 75.9543, 0.3548, 0.3516 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 219, 197) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 219, 197) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 219, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9543, 0.3548, 0.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 197) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
219, 197) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor